

PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**C mplete if Known**

Application Number	10 / 612379
Filing Date	07/01/03
First Named Inventor	Oliver Hobert
Art Unit	to be determined
Examiner Name	to be assigned
Attorney Docket Number	5199-92

Sheet 1 of 1

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
DG		US- 6,465,715 B1	10-15-2002	Zwaal et al.	
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**FOREIGN PATENT DOCUMENTS**

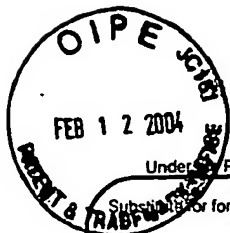
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
DG		WO 02/24872 A 2	03-28-2002	Banerjee et al.		

Examiner Signature	<i>Daniel P. Danforth</i>	Date Considered	3/15/2006
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Sheet 1 of 7

**NON PATENT LITERATURE DOCUMENTS**

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DG		HOGAN, P. et al., "Organogenesis: Molecular Mechanisms of Tubulogenesis."	
		Nat. Rev. Genet. 3(7):513-23, 2000	
DG		LUBARKSKY, M. et al., "Tube Morphogenesis: Making and Shaping Biological Tubules."	
		Cell 112(1):19-28, 2003	
DG		J. FOLKMAN and C. HAUDENSCHILD, "Angiogenesis in Vitro."	
		Nature 288(5791):5551-6, 1980.	
DG	x	G.E. DAVIS and C.W. CAMARILLO, "An Alpha 2 Beta 1 Integrin-Dependent Pinocytic Mechanism Involving Intracellular Vacuole Formation and	
		Coalescence Regulates Capillary Lumen and Tube Formation in Three-Dimensional Collagen Matrix.	
		Exp. Cell Res. 224(1):39-51, 1996	

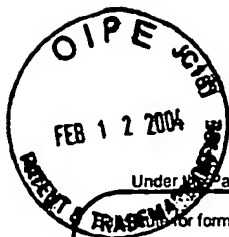
Examiner Signature	<i>Daniel P. Gamett</i>	Date Considered	3/15/2005
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Sheet 2 of 7

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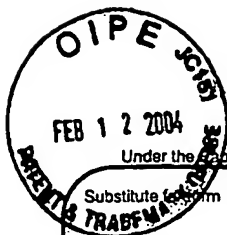
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DS		G.J. BEITEL and M.A. KRASNOW, "Genetic Control of Epithelial Tube Size in the Drosophila Tracheal System."	
	10	Development 127(15):3271-82, 2000.	
DS		R.J. METZGER and M.A. KRASNOW, "Genetic Control of Branching Morphogenesis."	
	2	Science 284(5420):1635-9, 1999	
DS		G. MANNING and M.A. KRASNOW, in the Development of Drosophila Melanogaster	
		M. Bate and A. Martinez Arias, Eds., Cold Spring Harbor Laboratory Press	
		Cold Spring Harbor, NY, Vol. 1:609-685, 1993 (N/A)	
DS	1X	F.K. NELSON, et al., "Fine Structure of the Caenorhabditis Elegans Secretory-Excretory System."	
	2	J. Ultrastruct. Res. 82(2):156-71, 1983	

Examiner Signature	<i>Daniel P. Lanett</i>	Date Considered	3/15/2005
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Applicant Number	10/612379
Filing Date	07/01/03
First Named Inventor	Oliver Holbert
Art Unit	to be determined
Examiner Name	to be assigned
Attorney Docket Number	5199-92

Sheet 3 of 7

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
DS		F.K. NELSON and D.L. RIDDLE, "Functional Study of the Caenorhabditis Elegans Secretory-Excretory System Using Laser Microsurgery."	
	1	J. Exp. Zool. 231(1):45-56, 1984	
	2	M. BUECHNER, "Tubes and the Single C. Elegans Excretory Cell."	
		Trends Cell. Biol. 12(10):479-84, 2002	
	3	J.R. WOLFF and T. BAR, "Seamless Endothelia in Brain Capillaries During Development of the Rat's Cerebral Cortex."	
		Brain Res. 41(1):17-24, 1972	
		HOGAN and KOLODZIEJ, "Organogenesis: Molecular Mechanisms of Tubulogenesis."	
		Nat. Rev. Genet. 3(7):513-23, 2002 (N/A)	

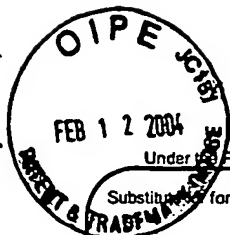
Examiner Signature	<i>Daniel C. Barnett</i>	Date Considered	3/15/2005
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Art Unit	to be determined
Examiner Name	to be assigned
Attorney Docket Number	5199-92
Sheet 4 of 7	

### NON PATENT LITERATURE DOCUMENTS

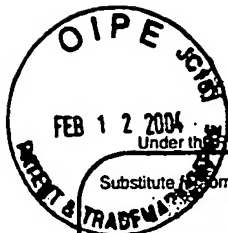
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DG	26	M. BUECHNER, et al., "Cystic Canal Mutants in Caenorhabditis Elegans are Defective in the Apical Membrane Domain of the Renal (Excretory)." Cell. Dev. Biol. 214:227-241, 1999.	
		HARROP, et al., "Crystal Structure of a Soluble Form of the Intracellular Chloride Ion Channel CLIC (NCC27) at 1.4-A Resolution." (N/A)	
	27	ASHLEY, et al., "Challenging Accepted Ion Channel Biology: p64 and the CLIC Family of Putative Intracellular Anion Channel Proteins." Mol. Membr. Biol. 20:1-11, 2003	
	27	LANDRY, et al., "Purification and Reconstitution of Chloride Channels from Kidney and Trachea." Science 244:1469-72, 1989.	
	33	LI and WEINMAN, "Chloride Channels and Hepatocellular Function: Prospects for Molecular Identification." Annu. Rev. Physiol. 64:609-633, 2002	

Examiner Signature	<i>Daniel P. Gamoto</i>	Date Considered	3/15/2005
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DG	21	JENTSCH, et al., "Molecular Structure and Physiological Function of Chloride Channels."	
		Physiol. Rev. 82(2):503-568, 2002.	
		RONNOV-JESSEN, "Differential Expression of a Chloride Intracellular Channel Gene, CLIC4, in Transforming Growth Factor-Beta1-Mediated Conversion of Fibroblasts to Myofibroblasts."	
	79	Am. J. Pathol. 161:471-480, 2002.	
	40	TAMIR, et al., "Secretagogue-induced Gating of Chloride Channels in the Secretory Vesicles of Parafollicular Cells."	
		Endocrinology 135(5):2045-2057, 1994.	
		SCHLESINGER, et al., "Characterization of the Osteoclast Ruffled Border Chloride Channel and its Role in Bone Resorption."	
	43	J. Biol. Chem. 272(30):18636-18643, 1997.	

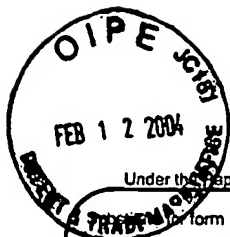
Examiner Signature	<i>Daniel P. Hamett</i>	Date Considered	<i>3/5/2005</i>
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Sheet 6	of 7	Attorney Docket Number	5199-92

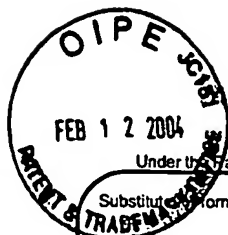
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DG		VALENZUELA, et al., "The Nuclear Chloride Ion Channel NCC27 is Involved in Regulation of the Cell Cycle."	
	45	J. Physiol. 529(3):541-552, 2000.	
		FERNANDEZ-SALAS, et al., "p53 and Tumor Necrosis Factor Alpha Regulate the Expression of a Mitochondrial Chloride Channel Protein."	
	47	J. Biol. Chem. 274:36488-36497, 1999:	
	48	FERNANDEZ-SALAS, et al., "mtCLIC/CLIC4, an Organellar Chloride Channel Protein is Increased by DNA Damage and Participates in the Apoptotic Response	
		to p53."	
		Mol. Cell Biol. 22:3610-3620, 2002.	
		MATTHEW BUECHNER, DAVID HALL and EDWARD HEDGECOCK, "Exc Mutations Affect Apical Cytoskeleton."	
		(Early 1995 International Worm Meeting, Abstract 320, 1995.) (N/A)	

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		EMBO Rep. 2:530-535, 2001.	

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